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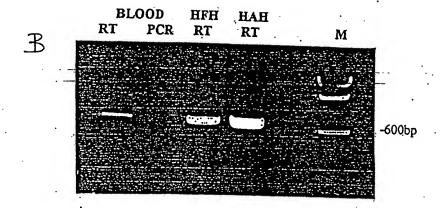
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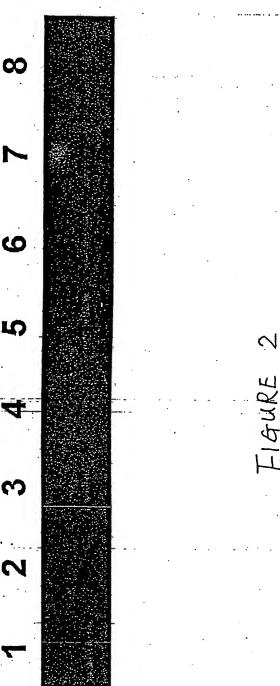
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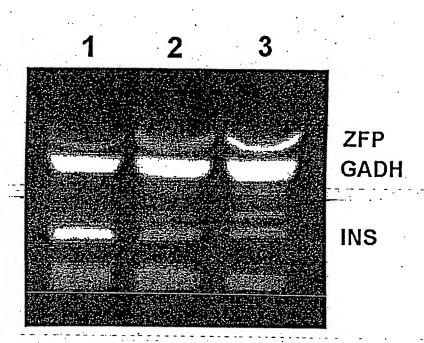
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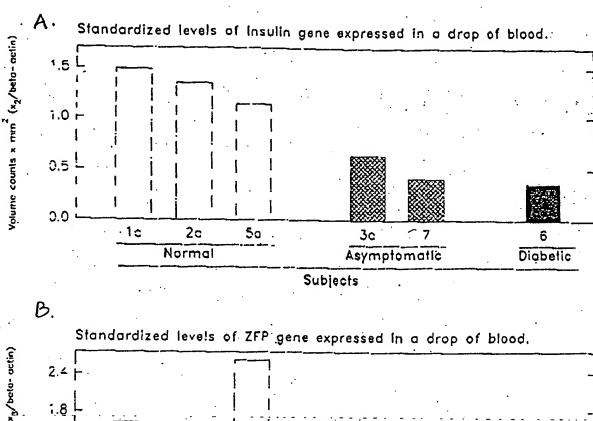
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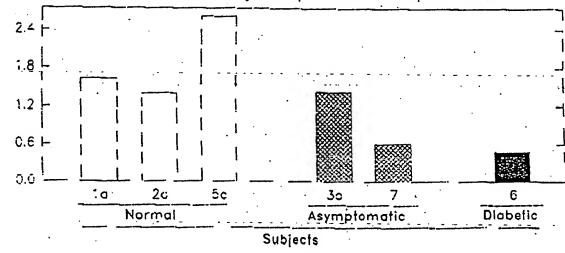
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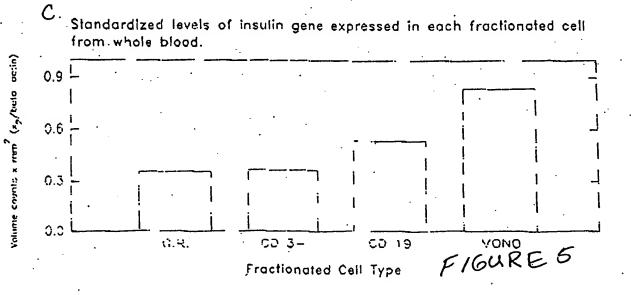












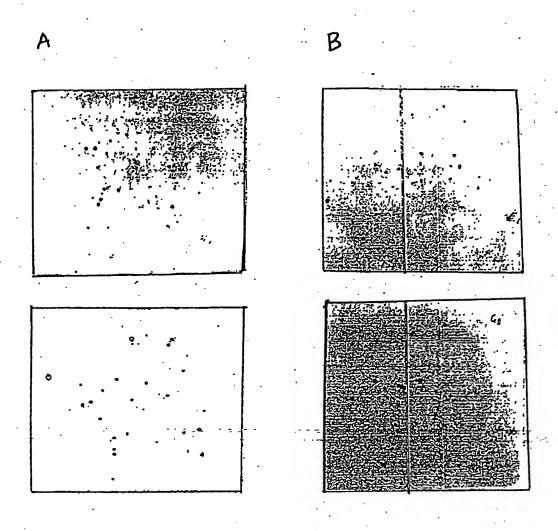


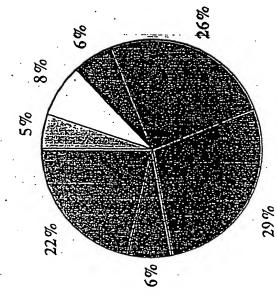
FIGURE 6

Total:13, 283 ESTs Known: 6,283 Mitochondrial: 405 Ribosome: 498

Repeat: 868

Mis.: 156 Novel: 2,718

Human Blood



Cell Division

☐ Cell Signalling/Communication

■ Cell structure/Motility

Cell/organism defense

Gene/Protein expression

國 Metabolism

國 Unclassified



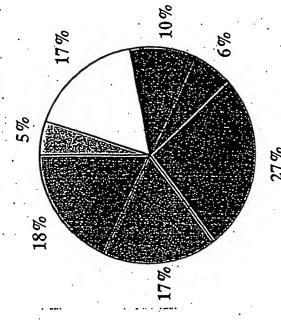
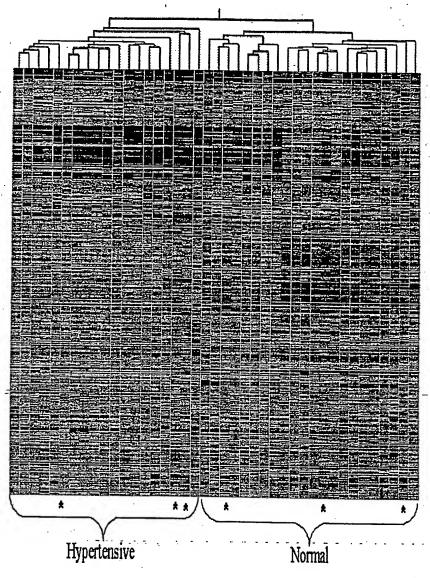
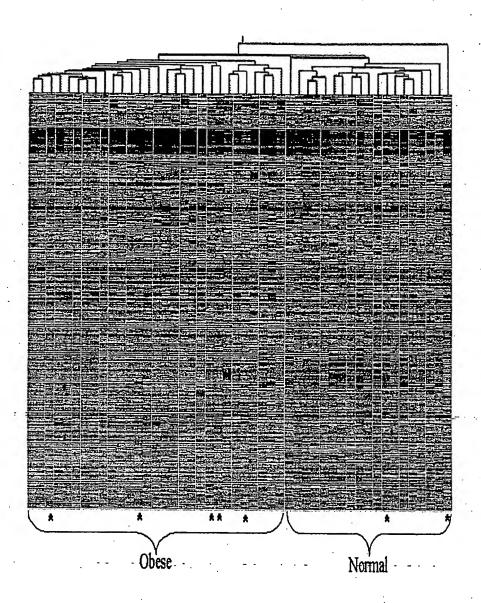


Figure 8 Hypertension



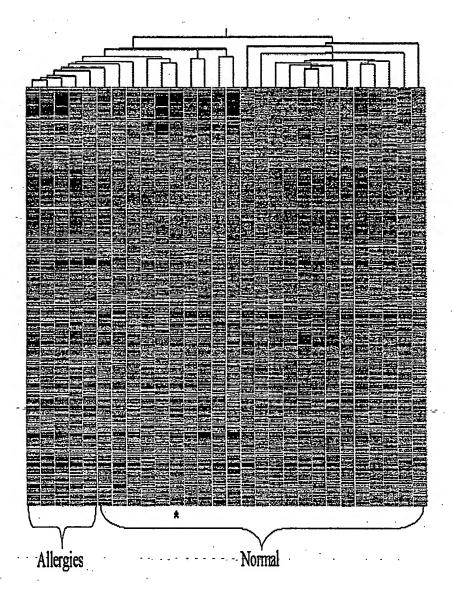
Hypertensive: 19 Normal: 22

Figure 9
Obesity



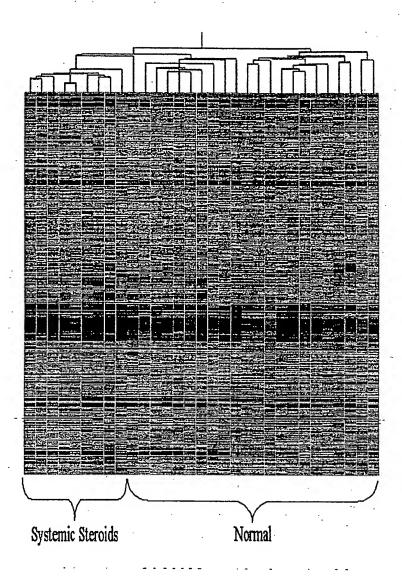
Obese: 25 Normal: 22

Figure 10 Allergies



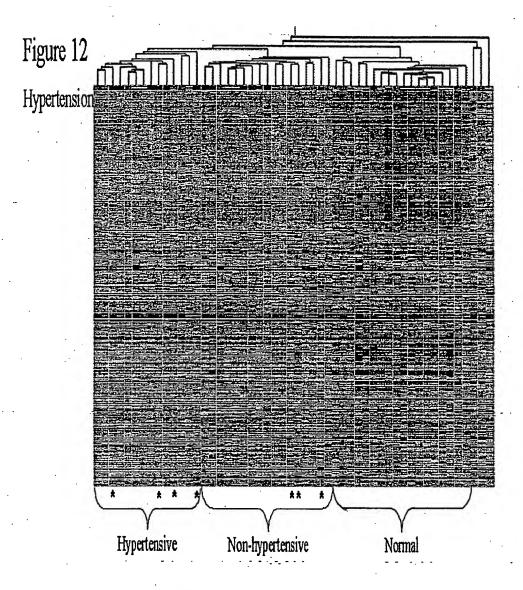
Allergies: 6
Normal: 22
Differentially Expressed Genes (p<0.05): 633

Figure 11
Systemic
Steroids

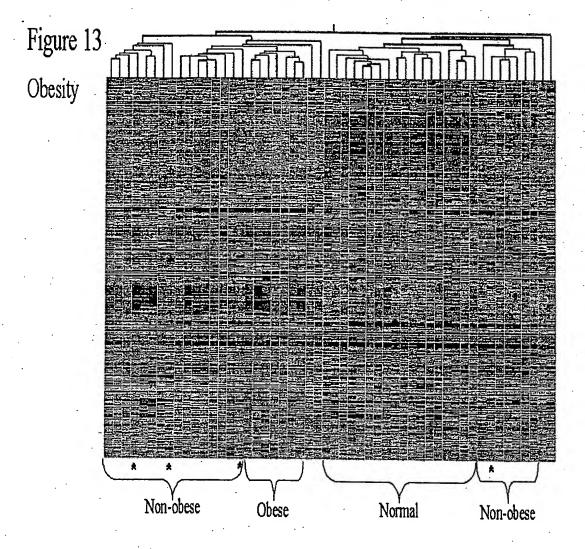


Systemic Steroids: 9

Normal: 22



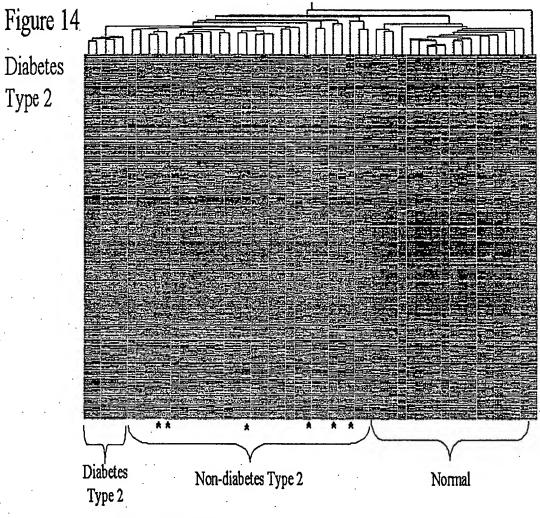
Hypertensive: 10
Non-hypertensive: 18
Normal: 24
Differentially Expressed Genes (p<0.05): 1,993



Obese: 8

Non-obese: 20

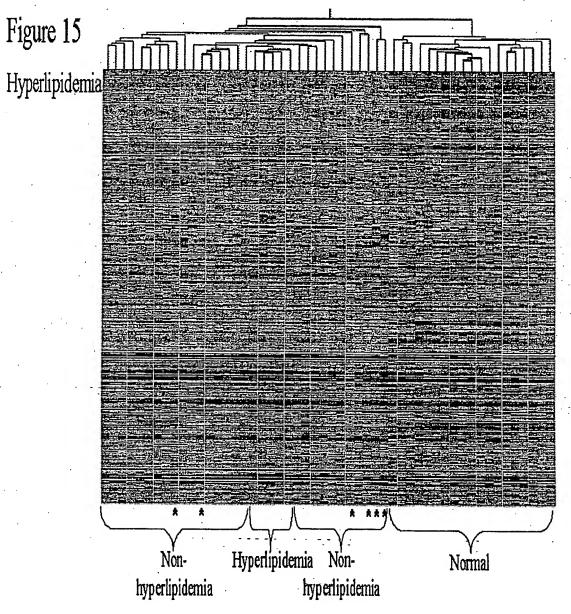
Normal: 24



Diabetes Type 2: 5

Non-diabetes Type 2: 23

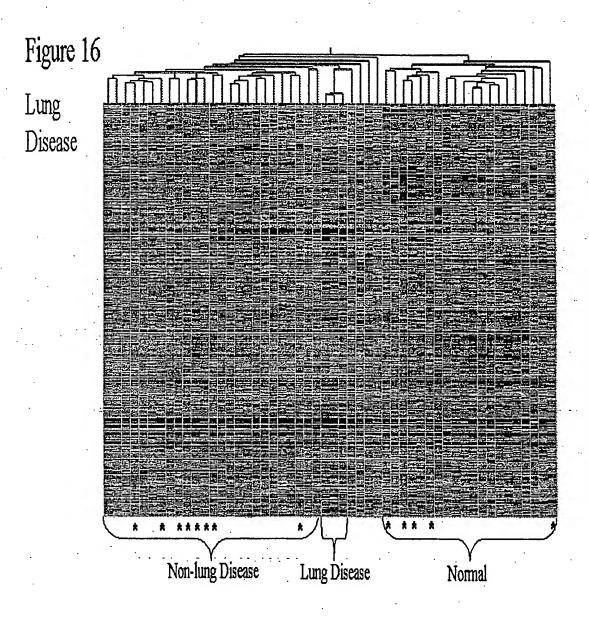
Normal: 24



Hyperlipidemia: 7

Non-hyperlipidemia: 21

Normal: 24

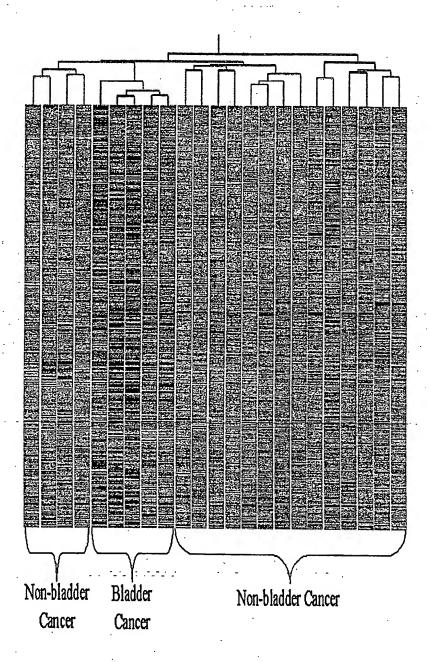


Lung Disease: 3

Non-lung Disease: 25

Normal: 24

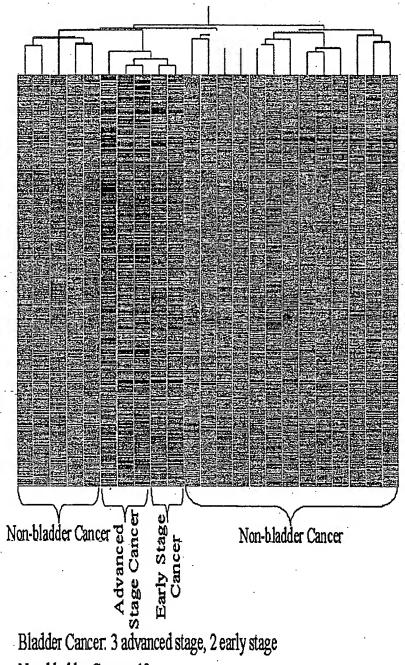
Figure 17
Bladder
Cancer



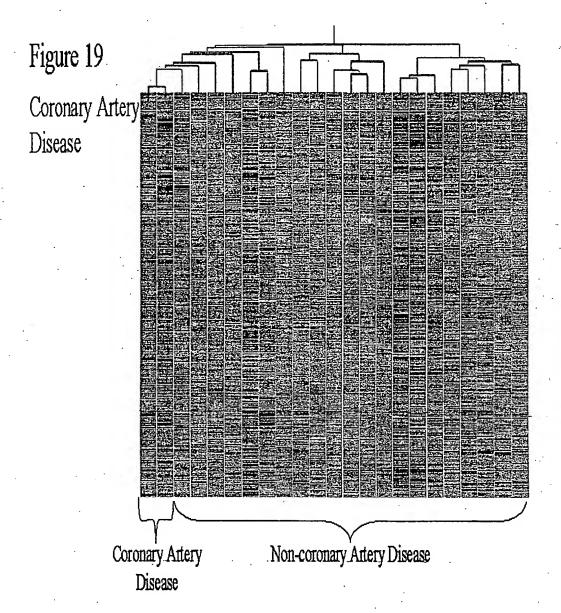
Bladder Cancer: 5 Non-bladder Cancer: 18 Differentially Expressed Genes (p<0.05): 4,228

Figure 18 Bladder

Cancer



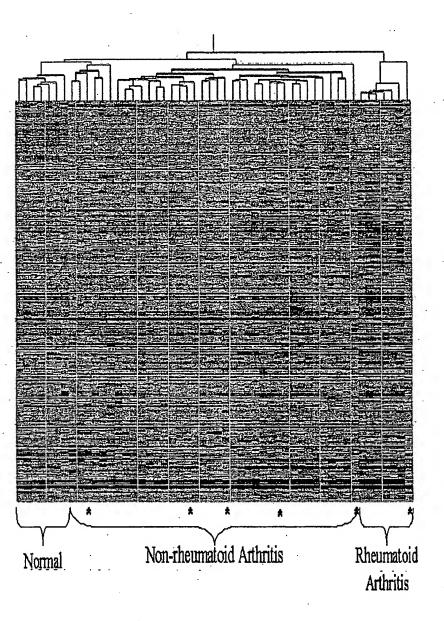
Non-bladder Cancer: 18



Coronary Artery Disease: 2

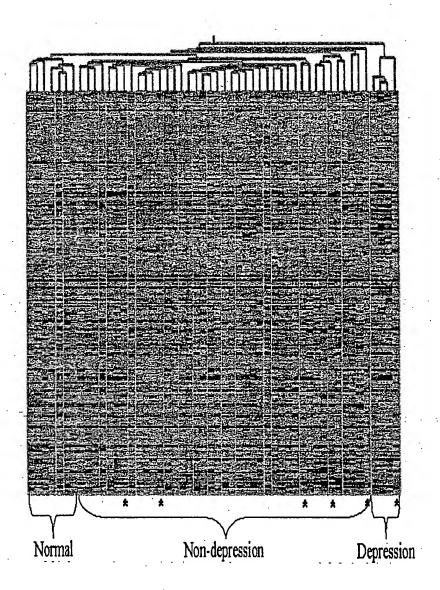
Non-coronary Artery Disease: 21

Figure 20
Rheumatoid
Arthritis



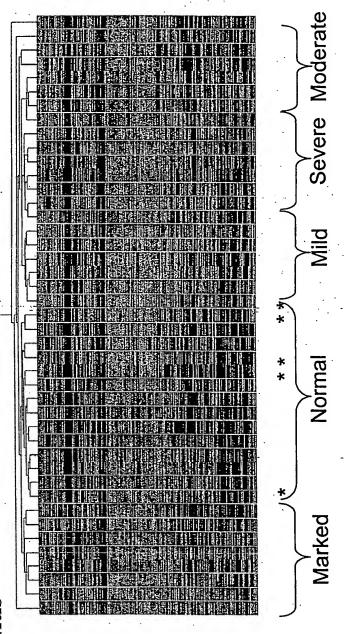
Rheumatoid Arthritis: 6
Non-rheumatoid Arthritis: 34
Normal: 12
Differentially Expressed Genes (p<0.05): 2,068

Figure 21
Depression



Depression: 3 Non-depression: 37 Normal: 12 Differentially Expressed Genes (p<0.05): 941

Figure 22 Osteoarthritis



Osteoarthritis: 9 mild, 8 moderate, 8 marked, 9 severe Normal: 9

RT-PCR of overexpressed genes in CAD peripheral blood cells identified using microarray experiments,

including PBP, PF4 and F13A.

Marker Contr. 1 Contr. 2 Contr. 3 CAD1 CAD2 CAD3 CAD4

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Coagulation Factor XIII, All			đ., ,,,,,		A STATE OF THE STA	学出门的第三个	6、三型化学
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nnective Tissue Activating Peptide III		i i					
Beta-kefin	A CONTRACTOR OF THE PARTY OF TH		Section 12 to 1				R. C. L. W. A. C.

Figure 24

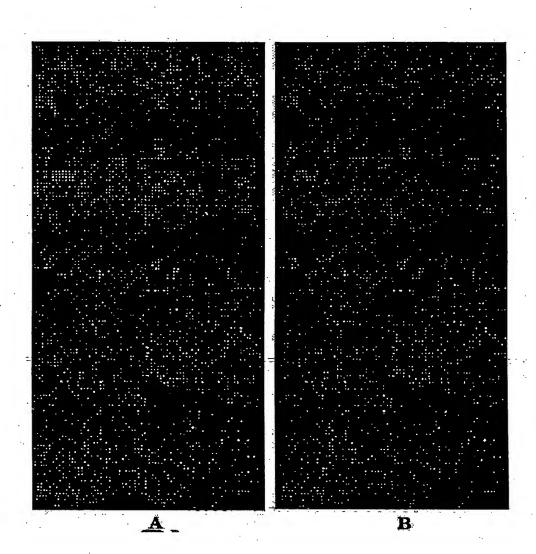
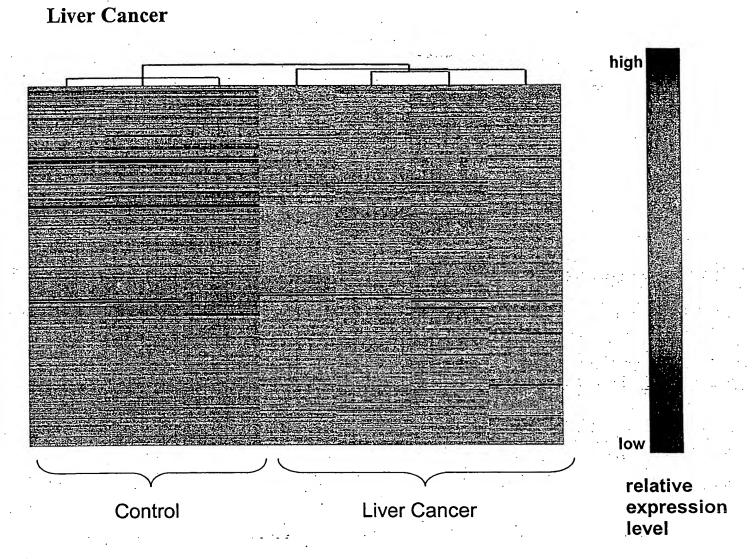
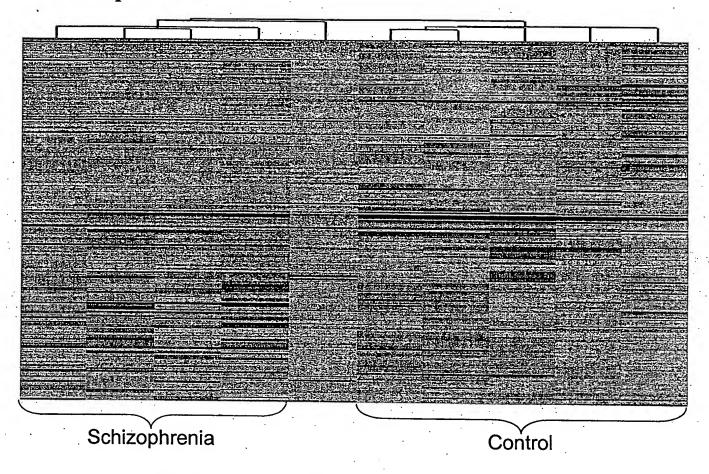


Figure 25



Control (red): n=3; Liver Cancer (orange): n=4

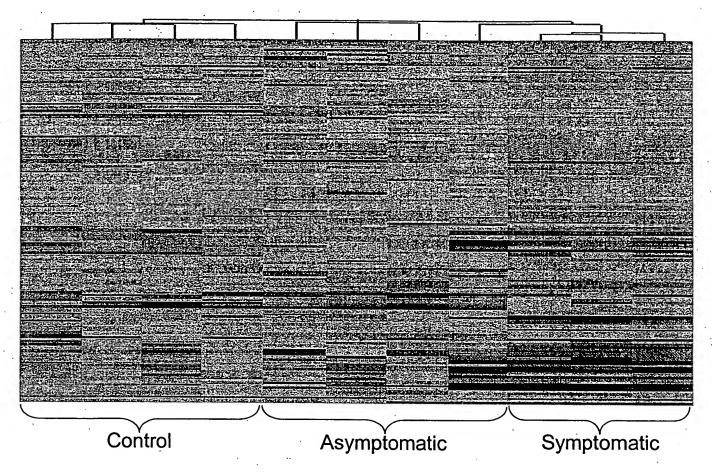
Figure 26
Schizophrenia



Control (red): n=6; Schizophrenia (orange): n=4

p<0.005 252 genes

Figure 27 Chagas Disease

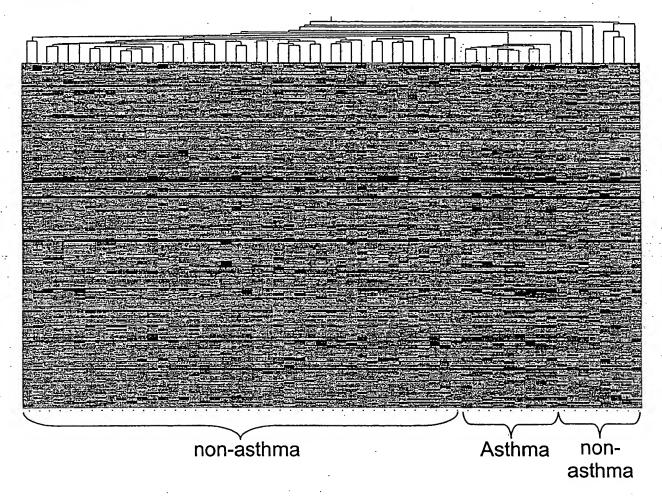


Control (orange): n=4; Chagas' asympt. (red): n=4; Chagas' sympt. (yellow): n=3

p<0.01 155 genes

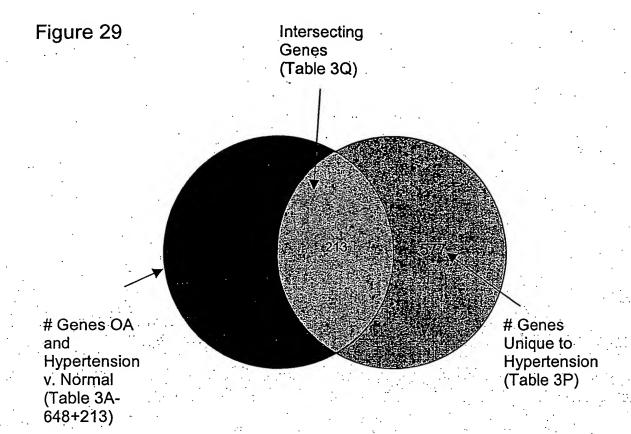
Figure 28

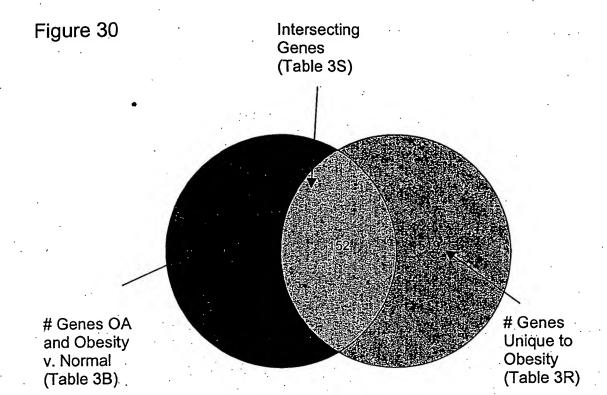
Asthma

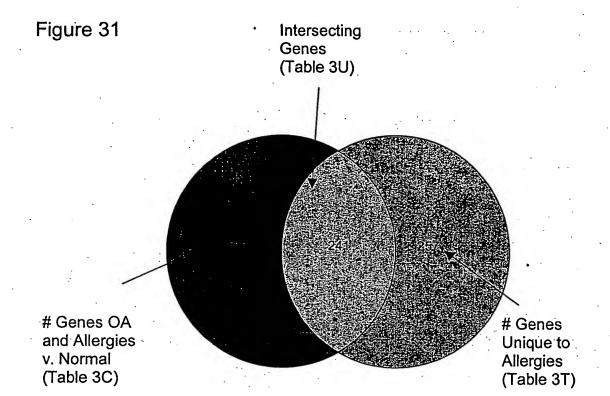


Asthma: n=9 Non-asthma: n=50

p<0.05 219 genes







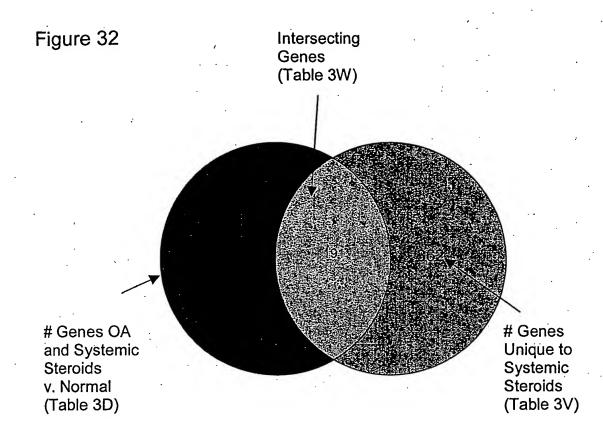
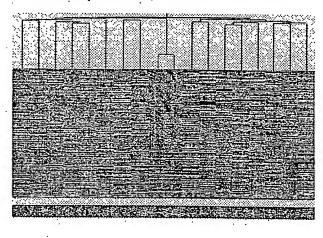


Figure 33

Schizophrenia, Batch 2 vs. MDS

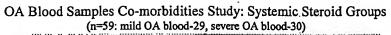


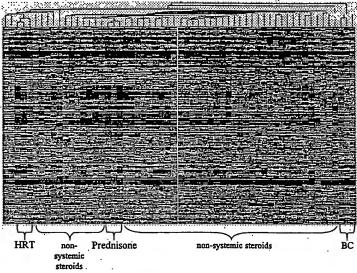
relative expression level

p<0.05 294 genes Schizophrenia (yellow): n=16; MDS (blue): n=2

MDS = Manic Depression Syndrome

Figure 34





Systemic Steroids (n=9): 3 prednisone, 3 birth control, 3 hormone replacement therapy Non-systemic steroids: 50
Differentially Expressed Genes (p<0.05): 396

HRT = hormone replacement therapy; BC = birth control